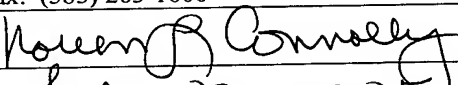


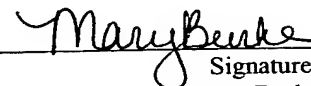


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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/849,082
		Filing Date	May 19, 2004
		First Named Inventor	Piera S. Sun
		Group Art Unit	1642
		Examiner Name	To Be Assigned
Total Number of Pages in This Submission	4 pages and 16 cited references	Attorney Docket Number	201040/1091

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> A copy of the Notice to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input checked="" type="checkbox"/> A self-addressed, prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08 (2 pages) (in duplicate) Copy of International Search Report 16 cited references
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 14-1138 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Noreen L. Connolly Nixon Peabody LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603-1051 Telephone: (585) 263-1597 Fax: (585) 263-1600
Signature	 Registration No. 48,987
Date	July 28, 2005

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Mary Burke Typed or printed name	



PATENT
Docket No.: 201040/1091

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Piera S. Sun

Serial No. : 10/849,082

Cnfrm. No. : 5673

Filed : May 19, 2004

For : METHOD FOR DIRECT NUCLEIC ACID
UPTAKE

Examiner:
To Be Assigned

Art Unit:
1642

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98

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Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO/SB/08 form. References in positions 1, 4, and 15 were cited in an International Search Report (copy enclosed) for the corresponding PCT patent application.

Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is required. If additional fees are required, however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 14-1138.

Respectfully submitted,

Date: July 28, 2005

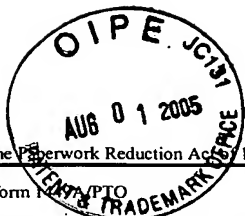
NIXON PEABODY LLP
Clinton Square, P.O. Box 31051
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Noreen L. Connolly
Noreen L. Connolly
Registration No. 48,987

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/849,082
				Filing Date	May 19, 2004
				First Named Inventor	Piera S. Sun
				Art Unit	1642
Examiner Name	To Be Assigned				
Sheet	1	of	2	Attorney Docket Number	201040/1091

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	AHN et al., "Biodegradable Poly(Ethylenimine) for Plasmid DNA Delivery," <i>J. of Controlled Release</i> 80:273-282 (2002)	
	2	ARENAL et al., "Gene Transfer in Shrimp (<i>Litopenaeus schmitti</i>) by Electroporation of Single-Cell Embryos and Injection of Naked DNA into Adult Muscle," <i>Biotechnologia Aplicada</i> 17:247-250 (2000)	
	3	BACHERE et al., "Transgenic Crustaceans," <i>World Aquaculture</i> 28(4):51-55 (1997)	
	4	BOUSSIF et al., "A Versatile Vector for Gene and Oligonucleotide Transfer Into Cell in Culture and In Vivo: Polyethylenimine," <i>Proc. Natl. Acad. Sci. USA</i> 92:7297-7301 (1995)	

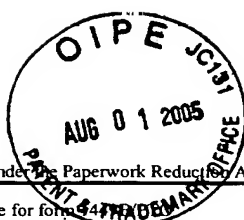
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Substitute for form 4474 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known			
				Application Number		10/849,082	
				Filing Date		May 19, 2004	
				First Named Inventor		Piera S. Sun	
				Group Art Unit		1642	
				Examiner Name		To Be Assigned	
Sheet	2	of	2	Attorney Docket Number		201040/1091	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	CADORET et al., "Microinjection of Bivalve Eggs: Application in Genetics," <i>Mol. Mar. Biol. Biotechnol.</i> 6:72-77 (1997)	
	6	CARBALLADA et al., "Transfection of Mouse Eggs and Embryos Using DNA Combined to Cationic Liposomes," <i>Mol. Reprod. Dev.</i> 56:360-365 (2000)	
	7	CHONG et al., "Expression and Fate of CAT Reporter Gene Microinjected into Fertilized Medaka (<i>Oryzias latipes</i>) Eggs in the Form of Plasmid DNA, Recombinant Phage Particles and its DNA," <i>Theor. Appl. Genet.</i> 78:369-380 (1989)	
	8	COLLAS et al., "Transferring Foreign Genes into Zebrafish Eggs By Microinjection," In Houdebine, L.M. (ed.) <i>Transgenic Animals- Generation and Use</i> , Harwood Academic Publishers, pp. 119-122 (1997)	
	9	HORBINSKI et al., "Polyethylenimine-Mediated Transfection of Cultured Postmitotic Neurons From Rat Sympathetic Ganglia and Adult Human Retina," <i>BMC Neuroscience</i> 2:2, 8 pgs., February 16, 2001	
	10	MACLEAN et al., "Transgene Transmission and Expression in Rainbow Trout and Tilapia," <i>Mol. Mar. Biol. Biotechnol.</i> 1:355-365 (1992)	
	11	MIALHE et al., "Future of Biotechnology-Based Control of Disease in Marine Invertebrates," <i>Mol. Mar. Biol. Biotechnol.</i> 4(4):275-283 (1995)	
	12	PENMAN et al., "Factors Effecting Survival and Integration Following Micro-Injection of Novel DNA in Rainbow Trout Eggs," <i>Aquaculture</i> 85:35-50 (1990)	
	13	PRESTON et al., "Delivery of DNA to Early Embryos of the Kuruma Prawn, <i>Penaeus japonicus</i> ," <i>Aquaculture</i> 181:225-234 (2000)	
	14	REMY et al., "Gene-Transfer with Lipospermines and Polyethylenimines," <i>Adv. Drug Delivery Rev.</i> 30:85-95 (1998)	
	15	TSENG et al., "Introducing Foreign DNA Into Tiger Shrimp (<i>Penaeus monodon</i>) by Electroporation," <i>Theriogenology</i> 54:1421-1432 (2000)	
	16	WALL, R.J., "New Gene Transfer Methods," <i>Theriogenology</i> 57:189-201 (2002)	

Examiner Signature		Date Considered	
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